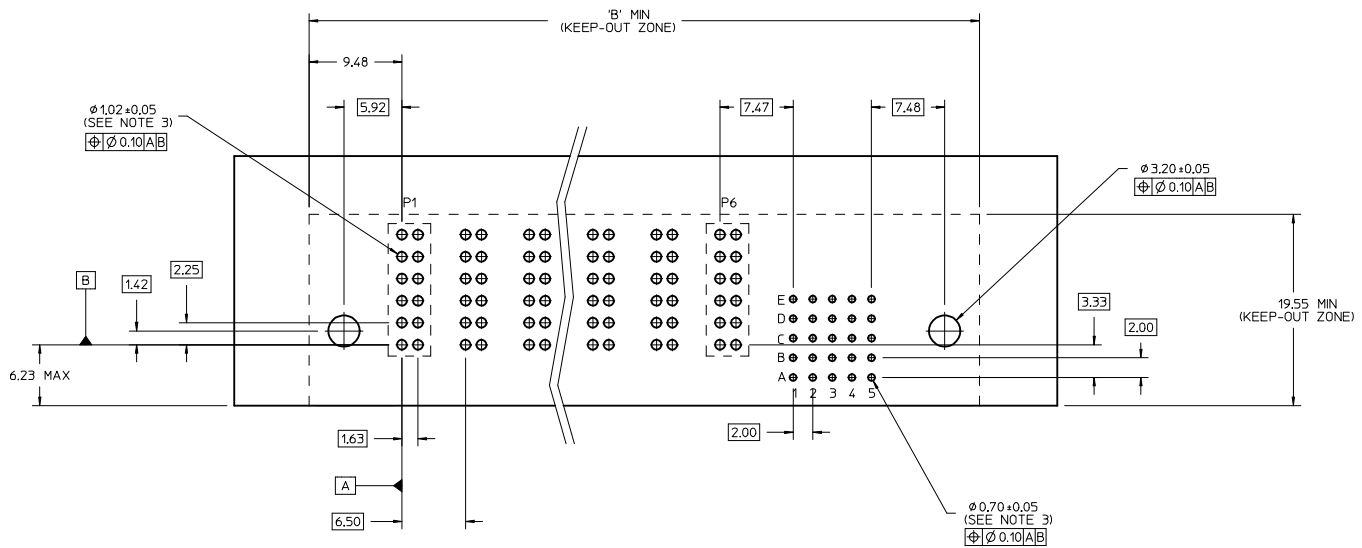


ADD PK SPEC IEC NO: UCP2017-0856 DRAWN: CGH 2016/10/18 CHECKED: CHAN 2016/11/07 APPROVED: KHLIM 2016/11/15	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	3:1	METRIC	☉
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	▽=0	3 PLACES ± 0.13 ± ---	BPI SZCZOR 2013/06/13	R/A PLUG ASSY STANDARD LAYOUTS ENERGETIC POWER FAMILY		
	1 PLACE ± 0.25 ± ---	CHECKED BY DATE	DOCUMENT NO.			SHEET NO.
	0 PLACE ± --- ± ---	APPROVED BY DATE	SD-171097-0001			1 OF 2
	ANGULAR ± 1/2°	MATERIAL NO.	SEE CHART			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

PART NUMBER	# OF POWERS	DIM 'A'	DIM 'B'	GUIDE OPTION	TAIL TYPE	DIM 'C'	DIM 'D'	# OF SIGNALS
171097-0001	6	67.50	68.50	BOLT HOLE	SOLDERTAIL	2.71	2.74	25
171097-0002	4	54.50	55.50					
171097-0003	2	41.50	42.50					
171097-0004	6	67.50	68.50	PEGS	COMPLIANT PIN	2.71	2.40	
171097-0005	4	54.50	55.50					
171097-0006	2	41.50	42.50					
171097-0007	6	67.50	68.50	BOLT HOLE	COMPLIANT PIN	2.71	2.40	
171097-0008	4	54.50	55.50					
171097-0009	2	41.50	42.50					
171097-0010	6	67.50	68.50	PEGS	COMPLIANT PIN	2.71	2.40	
171097-0011	4	54.50	55.50					
171097-0012	2	41.50	42.50					

PK SPEC	# OF POWERS
PK-171097-0100	6
PK-171097-0002	4
PK-171097-0001	2

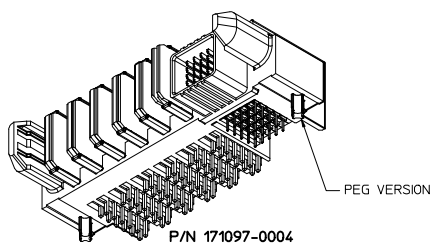
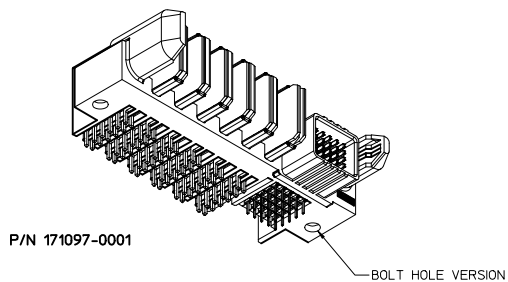
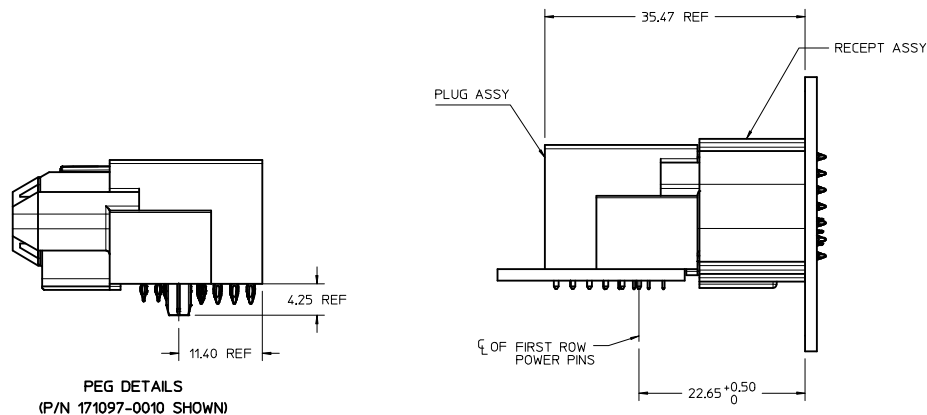
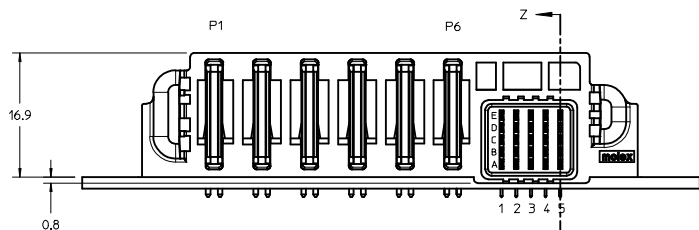
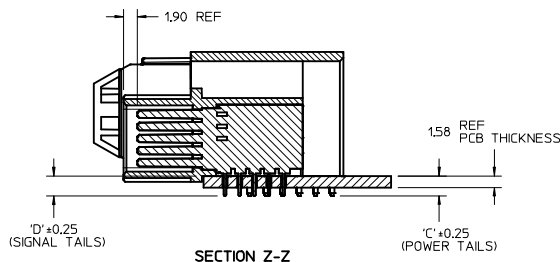
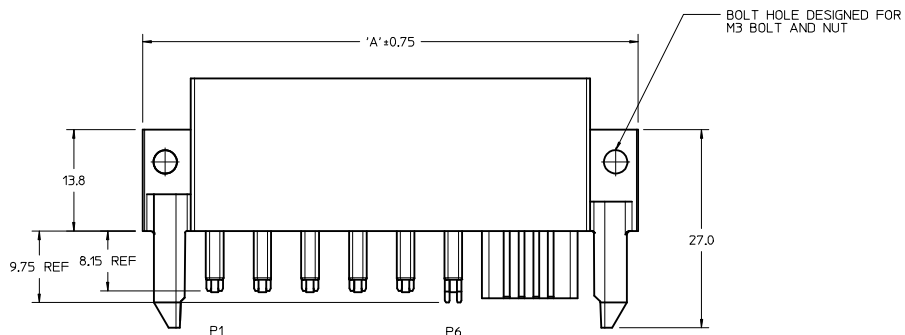


RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE
(PCB LAYOUT FOR 6P CONNECTOR SHOWN AS REFERENCE)

- NOTES:
- MATERIAL:
 - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
 - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
 - PLATING: 1.27 MICROMETER (50 MICROINCH) NICKEL OVERALL WITH 2.54 MICROMETER (100 MICROINCH) SELECTIVE TIN ON TAILS AND 0.762 MICROMETER (30 MICROINCH) SELECTIVE GOLD ON CONTACT AREA
 - PACKAGING: ASSEMBLIES TO BE TRAY PACKED PER PACKAGING SPEC; SEE TABLE
 - PLATED THRU HOLE SIZE. REFER TO PS-171097-1000 FOR DETAILS
 - PRODUCT SPEC: PS-171097-1000
 - PRODUCT TO MEET RoHS REQUIREMENTS
 - FOR MATING PARTS SEE MOLEX RECEPTACLE SD-171098-0001
 - TAIL DESIGN: SEE CHART
 - SIGNAL & POWER CONTACTS ARE LUBRICATED
 - APPLICATION SPEC: AS-171097-0001

ADD PK SPEC EEC NO. UJCP2017-0856 DRAWN:CGH 2016/10/18 CHECKED:GMH 2016/11/07 APPR:KHLIM 2016/11/15	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±0.13 ±--- 1 PLACE ±0.25 ±--- 0 PLACE ±--- ±---	mm INCH	DRAWN BY BPI SZCZOR DATE 2013/06/13	TITLE R/A PLUG ASSY STANDARD LAYOUTS ENERGETIC POWER FAMILY				
		ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART	APPROVED BY APATEL DATE 2013/12/12	DOCUMENT NO. SD-171097-0001		SHEET NO. 2 OF 2	

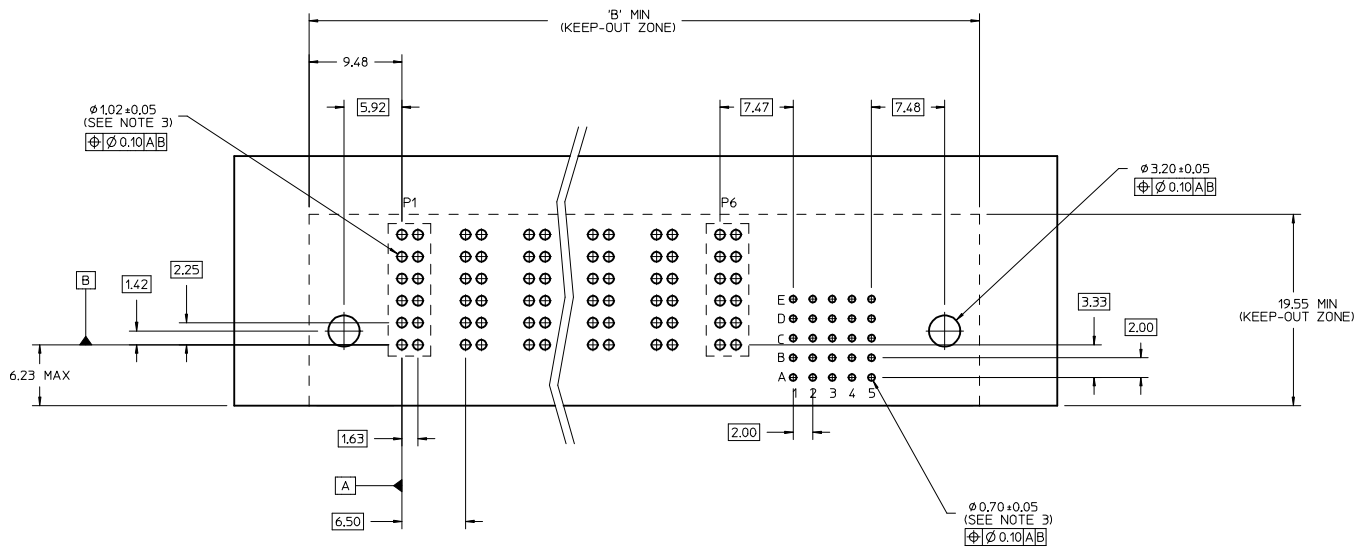
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



ADD PK SPEC IEC NO: UCP2017-0856 DRAWN BY: CHYKOWCHAN CHECKED BY: APPR:KHLIM DATE: 2016/10/18 DATE: 2016/11/07 DATE: 2016/11/15	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	3:1	METRIC	☉
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	▽=0	3 PLACES ± 0.13 ± ---	BPI SZCZOR 2013/06/13	R/A PLUG ASSY STANDARD LAYOUTS ENERGETIC POWER FAMILY		
	1 PLACE ± 0.25 ± ---	APPROVED BY DATE	DOCUMENT NO.			SHEET NO.
	0 PLACE ± --- ± ---	APATEL 2013/12/12	SD-171097-0001			1 OF 2
	ANGULAR ± 1/2°	MATERIAL NO.	SEE CHART			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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PK SPEC	# OF POWERS
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PK-171097-0001	2



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 - SIGNAL & POWER CONTACTS ARE LUBRICATED
 - APPLICATION SPEC: AS-171097-0001

ADD PK SPEC EC NO. UJCP2017-0856 DRAWN:CGH 2016/10/18 CHKD:WCHAN 2016/11/07 APPR:KHLIM 2016/11/15	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ±--- ±---	3 PLACES ±--- ±---	2 PLACES ±0.13 ±---	1 PLACE ±0.25 ±---	0 PLACE ±--- ±---	ANGULAR ±1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		DATE 2013/06/13		TITLE R/A PLUG ASSY STANDARD LAYOUTS ENERGETIC POWER FAMILY		SHEET NO. 2 OF 2
				APPROVED BY APATEL 2013/12/12		DOCUMENT NO. SD-171097-0001		